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AMENDMENT

[the La/SSB epitopes: 136, QVLNIQMRRTLHKAFKGS
(Sequence Listing ID No. 19), 139, NIQMRRTLHKAFK (amino acids 4-
16 of Sequence Listing ID No. 19), 144, RTLHKAFK (amino acids 9-
16 of Sequence Listing ID No. 19), 17, ICHQIEYYFGDFNLPRDKFLK
(Sequence Listing ID No. 20), 24, YFGDFNLP (amino acids 8-15 of
Sequence Listing ID No. 20), 46, WVPLEIMIKENR (Sequence Listing
ID No. 21), 47, VPLEIMIK (amino acids 2-9 of Sequence Listing ID
No. 21), 86, KTKIRRSPSKPL (Sequence Listing ID No. 22), 88,
KIRRSPSK (amino acids 4-11 of Sequence Listing ID No. 22), 56,
NRLNRLTTDFNVIVE, (Sequence Listing ID No. 23), 56, NRLNRLTT (amino
acids 1-8 of Sequence Listing ID No. 23), 257, GEIKWIDFVRGAK
(Sequence Listing ID No. 24), 260, KWIDFVRGAK (amino acids 4-13
of Sequence Listing ID No. 24), 262, IDFVRGAK (amino acids 6-13
of Sequence Listing ID No. 24), 325, SLNKWKSKGRRFKGKGKGNK
(Sequence Listing ID No. 25), 330, KSKGRRFK (amino acids 6-13 of
Sequence Listing ID No. 25), 292, GNLQLRNKEVTW (Sequence Listing
ID No. 26), 296, LRNKEVTW (amino acids 5-12 of Sequence Listing
ID No. 26), 154, IFVVFDSE (Sequence Listing ID No. 27), 155,
FVVFDSE (amino acids 2-9 of Sequence Listing ID No. 27), 176,
KETDLLILFKDDYFA (Sequence Listing ID No. 28), 182, ILFKDDYF
(amino acids 7-14 of Sequence Listing ID No. 28), 104,
YKNDVKNRSVYIKGFPT (Sequence Listing ID No. 29), 112, SVYIKGFP
(amino acids 9-16 of Sequence Listing ID No. 29), 63, TDFNVIVE
(Sequence Listing ID No. 30), 64, DFNVIVEA (amino acids 2-9 of

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Sequence Listing ID No. 30), 270, EGIILFKEKAK (Sequence Listing ID No. 31), 270, EGIILFKE (amino acids 1-8 of Sequence Listing ID No. 31), 354, KVQFQGKTKFASD, (Sequence Listing ID No. 32), 360, KTKKFASD (amino acids 7-14 of Sequence Listing ID No. 32), 246, REDLHILF (Sequence Listing ID No. 33), 232, CLLKFSGD (Sequence Listing ID No. 34), 379, TGPVKRAR (Sequence Listing ID No. 35), 200, KVEAKLRAKQ (Sequence Listing ID No. 36), 202, EAKLRAKQ (amino acids 3-10 of Sequence Listing ID No. 36);]

the Ro/SSA epitopes: 30, MNRLHRFL (Sequence Listing ID No. 37), 37, LCFGSEGGT (Sequence Listing ID No. 38), 38, CFGSEGGT (amino acids 2-9 of Sequence Listing ID No. 38), 41, SEGGTYYIKEQ (Sequence Listing ID No. 39), 42, EG GTYYIKEQ (amino acids 2-11 of Sequence Listing ID No. 39), 44, GTYYIKEQ (amino acids 4-11 of Sequence Listing ID No. 39), 44, GTYYI (amino acids 4-8 of Sequence Listing ID No. 39), 76, EIKSFSQEGRT (Sequence Listing ID No. 40), 78, KSFSQEGR (amino acids 3-10 of Sequence Listing ID No. 40), 81, SQEGRTTKQ (Sequence Listing ID No. 41), 84, GRTTKQEPM (Sequence Listing ID No. 42), 106, STKQAAFKAV (amino acids 2-11 of Sequence Listing ID No. 43), 105, ISTKQAAFKAVS (Sequence Listing ID No. 43), 108, KQAAFKAV (amino acids 4-11 of Sequence Listing ID No. 43), 111, AFKAVSEVC (Sequence Listing ID No. 44), 126, FTFIQFKKDLKESMK (Sequence Listing ID No. 45), 130, QFKKDLKE (amino acids 5-12 of Sequence Listing ID No. 45), 138, SMKCGMWGRA (Sequence Listing ID No. 46),

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139, MKCGMWGRA (amino acids 2-10 of Sequence Listing ID No. 46),
142, GMWGRALRKAIA (Sequence Listing ID No. 47), 145, GRALRKAI
(amino acids 4-11 of Sequence Listing ID No. 47), 165,
ALAVTKYKQRNGWSHKDLLRLSH (Sequence Listing ID No. 48), 169,
TKYKQRNG (amino acids 5-12 of Sequence Listing ID No. 48), 173,
QRNGWSHK (amino acids 9-16 of Sequence Listing ID No. 48), 182,
LLRLSHLKPS (Sequence Listing ID No. 49), 184, RLSHLKPS (amino
acids 3-10 of Sequence Listing ID No. 49), 199, TKYITKGW (amino
acids 2-9 of Sequence Listing ID No. 71), 202, ITKGWKEV (amino
acids 5-12 of Sequence Listing ID No. 71), 210, HEKYKEKA
(Sequence Listing ID No. 50), 212, LYKEKALSV (Sequence Listing ID
No. 51), 216, KALSVETEKLLKYL (Sequence Listing ID No. 52), 222,
TEKLLKYL (amino acids 7-14 of Sequence Listing ID No. 52), 224,
KLLKYLEA (Sequence Listing ID No. 53), 229, LEAVEVKVKRTKDE
(Sequence Listing ID No. 54), 234, KVVKRTKDE (amino acids 6-13 of
Sequence Listing ID No. 54), 257, HLLTNHLKSKEVWKALLQEMPL
(Sequence Listing ID No. 55), 263, LKSKEVWK (amino acids 7-14 of
Sequence Listing ID No. 55), 264, KSKEVWK (amino acids 8-15 of
Sequence Listing ID No. 55), 265, SKEVWK (amino acids 9-14 of
Sequence Listing ID No. 55), 280 ALLRNGLGKMTA (Sequence Listing ID
No. 56), 283, RNLGKMT (amino acids 4-10 of Sequence Listing ID
No. 56), 285, LGKMTANS (Sequence Listing ID No. 57), 308,
LCNEKLLKKARIHPFHI (Sequence Listing ID No. 58), 313, LLKKARI
(amino acids 6-12 of Sequence Listing ID No. 58), 315, KKARIHPF

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(amino acids 8-15 of Sequence Listing ID No. 58), 330,
TYKTGHGLRGKLKWRPDE (Sequence Listing ID No. 59), 331, YKTGHGL
(amino acids 2-8 of Sequence Listing ID No. 59), 352, ALDAAFYK
(Sequence Listing ID No. 60), 355, AAFYKTFKTVEPTGKRFLLA (Sequence
Listing ID No. 61), 379, ASMNQRVLGS (Sequence Listing ID No. 62),
365, EPTGKRFL (amino acids 11-18 of Sequence Listing ID No. 61),
398, AMCMVVTR (Sequence Listing ID No. 63), 414, AFSDEMVP
(Sequence Listing ID No. 64), 420, VPCPVTTD (Sequence Listing ID
No. 65), 433, VLMAMSQI (Sequence Listing ID No. 66), 445,
TDCSLPMI (Sequence Listing ID No. 67), 449, LPMIWAQKTNTPA (amino
acids 3-15 of Sequence Listing ID No. 68), 472, TFAGGVHPAI
(Sequence Listing ID No. 69), 472, TFAGGVHP (amino acids 1-8 of
Sequence Listing ID No. 69), 481, IALREYRKMDIPAKL (Sequence
Listing ID No. 70), 484, REYRKMD (amino acids 4-11 of Sequence
Listing ID No. 70);

the Sm B/B' epitopes: 28, IGTFKAFD (Sequence Listing
ID No. 103), 29, GTFKAFDK (Sequence Listing ID No. 1), 30,
TFKAFDKH (amino acids 1-8 of Sequence Listing ID No. 15) 29, 30,
TFKAFDKHM (Sequence Listing ID No. 15) 44, DCDEFRKI (Sequence
Listing ID No. 104) 45, CDEFRKIK (amino acids 1-8 of Sequence
Listing ID No. 2) 45, CDEFRKIKPKNAKQP (Sequence Listing ID No.
2), 46, DEFRKIKP (amino acids 2-9 of Sequence Listing ID No. 2),
47, EFRKIKPK (amino acids 3-10 of Sequence Listing ID No. 2), 48,
FRKIKPKN (amino acids 4-11 of Sequence Listing ID No. 2), 49,

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RKIKPKNA (amino acids 5-12 of Sequence Listing ID No. 2), 50,
KIKPKNAK (amino acids 6-13 of Sequence Listing ID No. 2), 51,
IKPKNAKQ (amino acids 7-14 of Sequence Listing ID No. 2), 52,
KPKNNAKQP (amino acids 8-15 of Sequence Listing ID No. 2), 53,
PKNAKQPE (Sequence Listing ID No. 105), 83, EGPPPKDT (Sequence
Listing ID No. 16), 88, KDTGIARV (Sequence Listing ID No. 17),
94, RVPLAGAA (Sequence Listing ID No. 3), 101, AGGPGVGRAAGRGVPAG
(Sequence Listing ID No. 4), 104, PGVGRAAG (amino acids 4-11 of
Sequence Listing ID No. 4), 120, IPQAPAGLAG (Sequence Listing ID
No. 18), 125, AGLAGPVRGVGGPSQ (Sequence Listing ID No. 5), 131,
VRGVGGPS (amino acids 6-13 of Sequence Listing ID No. 5) 139,
QQVMTPQG (Sequence Listing ID No. 107), 140, QVMTPQGR (amino
acids 1-6 of Sequence Listing ID No. 6), 141, VMTPQGRG, amino
acids 2-9 of (Sequence Listing ID No. 6), 144, PQGR (amino acids
5-8 of Sequence Listing ID No. 6), 142, MTPQGRGT (amino acids 3-
11 of Sequence Listing ID No. 6), 143, TPQGRGTV, (amino acids 4-
11 of Sequence Listing ID No. 6), 144, PQGRGTVVA (amino acids 5-12
of Sequence Listing ID No. 6) 145, QGRGTVAA (Sequence Listing ID
No. 108) 164, APTQYPPG (Sequence Listing ID No. 109) 165,
PTQYPPGR (amino acids 1-8 of Sequence Listing ID No. 7) 166,
TQYPPGRG (amino acids 2-9 of Sequence Listing ID No. 7) 167,
QYPPGRGT, amino acids 3-10 of (Sequence Listing ID No. 7) 168,
YPPGRGTP (amino acids 4-11 of Sequence Listing ID No. 7) 169,
PPGRGTPP (amino acids 5-12 of Sequence Listing ID No. 7) 170,

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PGRGTPPP (amino acids 6-13 of Sequence Listing ID No. 7) 171,
GRGTPPPP (amino acids 7-14 of Sequence Listing ID No. 7) 172,
RGTPPPPV (amino acids 8-15 of Sequence Listing ID No. 7) 173,
GTTPPPPVG (Sequence Listing ID No. 110) 174, TPPPPVGRATPPPGI
(Sequence Listing ID No. 8), 175, PPPPVGRA (amino acids 2-9 of
Sequence Listing ID No. 8), 184, PPPGIMAP (Sequence Listing ID
No. 9), 188, IMAPPPGM (Sequence Listing ID No. 111), 189,
MAPPPGMRPPM (Sequence Listing ID No. 10), 189, MAPPPGMR (amino
acids 1-8 of Sequence Listing ID No. 10), 191, PPPGMR (amino
acids 3-8 of Sequence Listing ID No. 13), 190, APPPGMRP (amino
acids 2-9 of Sequence Listing ID No. 10), 191, PPPGMRPP (amino
acids 3-10 of Sequence Listing ID No. 10), 192, PPGMRPPM (amino
acids 4-11 of Sequence Listing ID No. 10), 202, PIGLPPARGTPIGMPP
(Sequence Listing ID No. 11), 206, PPARGTPI, (amino acids 5-11 of
Sequence Listing ID No. 11), 212, PIGMPPPG (Sequence Listing ID
No. 12), 213, IGMPPPGM (Sequence Listing ID No. 12), 214,
GMPPPGMR (Sequence Listing ID No. 113), 215, MPPPGMRP (Sequence
Listing ID No. 118), 216, PPPGMRPP (amino acids 4-11 of Sequence
Listing ID No. 14), 217, PPGMRPPP (Sequence Listing ID No. 114),
220, MRPPPGI (Sequence Listing ID No. 115), 221, RPPPPGIR (amino
acids 1-8 of Sequence Listing ID No. 13), 221, RPPPPGIRGPP
(Sequence Listing ID No. 13), 223, PPPGIR (amino acids 3-8 of
Sequence Listing ID No. 13), 222, PPPPGIRG (amino acids 2-9 of
Sequence Listing ID No. 13), 223, PPPGIRGP (amino acids 3-10 of

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Sequence Listing ID No. 13), 224, PPGIRGPP (amino acids 4-11 of Sequence Listing ID No. 13), 228, RGPPPPGM (amino acids 1-8 of Sequence Listing ID No. 14), 228, RGPPPPGMRPPR (Sequence Listing ID No. 14), 229, GPPPPGMR (amino acids 2-9 of Sequence Listing ID No. 14), 230, PPPPGMRP (amino acids 3-10 of Sequence Listing ID No. 14), 231, PPPGMRPP (amino acids 4-11 of Sequence Listing ID No. 14), 231, PPPGMR (amino acids 3-8 of Sequence Listing ID No. 10), and 232, PPGMRPPR (amino acids 5-12 of Sequence Listing ID No. 14);

the 70 kD nRNP epitopes: (11) ALFAPRDP (Sequence Listing ID No. 72), (65) ERMERKRR (Sequence Listing ID No. 73), (133) MVYSKRSG (Sequence Listing ID No. 74), (161) GKKIDGRR (Sequence Listing ID No. 75), (178) VERGRTVK (Sequence Listing ID No. 76), (186) VKGWRPRR (Sequence Listing ID No. 77), (264) RRSSRSRDK (Sequence Listing ID No. 78), (274) RRRSRERS (Sequence Listing ID No. 79), (277) SRERSKDK (Sequence Listing ID No. 80), (282) KRRSSRSR (Sequence Listing ID No. 81), and (355) RRSHRSER (Sequence Listing ID No. 82);

the nRNP A peptide epitopes: (16) LNEKIKKD (Sequence Listing ID No. 83), (21) KKDELKKS (Sequence Listing ID No. 84), (44*) SRSLSKMRG (Sequence Listing ID No. 85), (73) PFYDKPMR (Sequence Listing ID No. 86), (93) IIAKMKGT (Sequence Listing ID No. 87), (103*) DRKREKRK (Sequence Listing ID No. 88), (116) QETPATKK (Sequence Listing ID No. 89), (263) ALOGFKIT (Sequence

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~~Listing ID No. 90), and (274) MKISFAKK (Sequence Listing ID No. 91); and~~

CJ Sub P
~~the nRNP C peptide epitopes: (19) RKHKENVK (Sequence Listing ID No. 92), (35) KDYYQKWM (Sequence Listing ID No. 93), (56) AFQQGKIP (Sequence Listing ID No. 94), (61) KIPPTPFS (Sequence Listing ID No. 95), (78) PPPPSLPG (Sequence Listing ID No. 96), (82) SLPGPPRP (Sequence Listing ID No. 97), (85) PPRPGMMP (Sequence Listing ID No. 98), (108) PPPPGMMP (Sequence Listing ID No. 99), (117) GPAPGMRP (Sequence Listing ID No. 100), (136) PPMMRPPA (Sequence Listing ID No. 101), and (152) PGMTTRPDR (Sequence Listing ID No. 102)].~~

C 24 Sub G
2. (twice amended) ~~[Peptides] A peptide of claim 1 consisting of between four and twenty five amino acids.~~

3. (twice amended) ~~[Peptides] A peptide of claim 2 reactive with anti-Ro/SSA polyclonal antibodies.~~

4. (twice amended) ~~[Peptides] A peptide of claim 2 reactive with anti-SM B/B' polyclonal antibodies.~~

5. (twice amended) ~~[Peptides] A peptide of claim 2 reactive with anti-La/SSB polyclonal antibodies.~~

C 34 Sub G
Please cancel claims 6-9.

10. (twice amended) ~~[Peptides] A peptide of claim 1 labelled with a compound selected from the group consisting of dyes, fluorescent labels, chemiluminescent labels, enzymes, and radioactive labels.~~

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11. (twice amended) [Peptides] A peptide of claim 1 immobilized onto a substrate.

C 3
~~Subj 101~~
12. (three times amended) A method for screening patients for autoimmune disorders comprising reacting a biological sample with a peptide forming a linear epitope selected from the group of peptides of less than forty amino acids, beginning with the amino acid numbered from the amino terminus followed by the listed amino acid sequence consisting of

[the La/SSB epitopes: 136, QVLNIQMRRTLHKAFKGS
(Sequence Listing ID No. 19), 139, NIQMRRTLHKAFK (amino acids 4-16 of Sequence Listing ID No. 19), 144, RTLHKAFK (amino acids 9-16 of Sequence Listing ID No. 19), 17, ICHQIEYYFGDFNLPRDKFLK
(Sequence Listing ID No. 20), 24, YFGDFNLP (amino acids 8-15 of Sequence Listing ID No. 20), 46, WVPLEIMIKFNR (Sequence Listing ID No. 21), 47, VPYLEIMIK (amino acids 2-9 of Sequence Listing ID No. 21), 86, KTKIRRSPSKPL (Sequence Listing ID No. 22), 88, KIRRSPSK (amino acids 4-11 of Sequence Listing ID No. 22), 56, NRLNRLTTDFNVIVE (Sequence Listing ID No. 23), 56, NRLNRLTT (amino acids 1-8 of Sequence Listing ID No. 23), 257, GEIKWIDFVRGAK
(Sequence Listing ID No. 24), 260, KWIDFVRGAK (amino acids 4-13 of Sequence Listing ID No. 24), 262, IDFVRGAK (amino acids 6-13 of Sequence Listing ID No. 24), 325, SLNKWKSKGRRFKGKGKGNK
(Sequence Listing ID No. 25), 330, KSKGRRFK (amino acids 6-13 of Sequence Listing ID No. 25), 292, GNLQLRNKEVTW (Sequence Listing

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P (ID No. 26), 296, LRNKEVTW (amino acids 5-12 of Sequence Listing
ID No. 26), 154, IFVVFDSIE (Sequence Listing ID No. 27), 155,
FVVFDSIE (amino acids 2-9 of Sequence Listing ID No. 27), 176,
C 3 KETDLLILFKDDYFA (Sequence Listing ID No. 28), 182, ILFKDDYF
(amino acids 7-14 of Sequence Listing ID No. 28), 104,
YKNDVKNRSVYIKGFPT (Sequence Listing ID No. 29), 112, SVYIKGFP
(amino acids 9-16 of Sequence Listing ID No. 29), 63, TDFNVIVE
(Sequence Listing ID No. 30), 64, DFNVIVEA (amino acids 2-9 of
Sequence Listing ID No. 30), 270, EGIIILFKEKAK (Sequence Listing
ID No. 31), 270, EGIIILFKE (amino acids 1-8 of Sequence Listing ID
No. 31), 354, KVQFQGKTKFASD, (Sequence Listing ID No. 32), 360,
KKTKFASD (amino acids 7-14 of Sequence Listing ID No. 32), 246,
REDLHILF (Sequence Listing ID No. 33), 232, CLLKFSGD (Sequence
Listing ID No. 34), 379, TGPVKRAR (Sequence Listing ID No. 35),
200, KVEAKLRAKQ (Sequence Listing ID No. 36), 202, EAKLRAKQ
(amino acids 3-10 of Sequence Listing ID No. 36);]

the Ro/SSA epitopes: 30, MNRLHRFL (Sequence
Listing ID No. 37), 37, LCFGSEGGT (Sequence Listing ID No. 38),
38, CFGSEGGT (amino acids 2-9 of Sequence Listing ID No. 38), 41,
SEGGTYYIKEQ (Sequence Listing ID No. 39), 42, EGGTYYIKEQ (amino
acids 2-11 of Sequence Listing ID No. 39), 44, GTYYIKEQ (amino
acids 4-11 of Sequence Listing ID No. 39), 44, GTYYI (amino acids
4-8 of Sequence Listing ID No. 39), 76, EIKSFSQEGRT (Sequence
Listing ID No. 40), 78, KSFSQEGR (amino acids 3-10 of Sequence

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Listing ID No. 40), 81, SQEGRTTKQ (Sequence Listing ID No. 41),
84, GRTTKQEPM (Sequence Listing ID No. 42), 106, STKQAAFKAV
(amino acids 2-11 of Sequence Listing ID No. 43) 105,
108, KQAAFKAVS (Sequence Listing ID No. 43), 108, KQAAFKAV (amino
acids 4-11 of Sequence Listing ID No. 43), 111, AFKAVSEVC
(Sequence Listing ID No. 44), 126, FTFIQFKKDLKESMK (Sequence
Listing ID No. 45), 130, QFKKDLKE (amino acids 5-12 of Sequence
Listing ID No. 45), 138, SMKCGMWGRA (Sequence Listing ID No. 46),
139, MKCGMWGRA (amino acids 2-10 of Sequence Listing ID No. 46),
142, GMWGRALRKAIA (Sequence Listing ID No. 47), 145, GRALRKAI
(amino acids 4-11 of Sequence Listing ID No. 47), 165,
169, ALAVTKYKQRNGWSHKDLLRLSH (Sequence Listing ID No. 48),
173, TKYKQRNG (amino acids 5-12 of Sequence Listing ID No. 48),
182, QRNGWSHK (amino acids 9-16 of Sequence Listing ID No. 48),
184, LLRLSHLKPS (Sequence Listing ID No. 49), 184, RLSHLKPS (amino
acids 3-10 of Sequence Listing ID No. 49), 199, TKYITKGW (amino
acids 2-9 of Sequence Listing ID No. 71), 202, ITKGWKEV (amino
acids 5-12 of Sequence Listing ID No. 71), 210, HELEYKEKA
(Sequence Listing ID No. 50), 212, LYKEKALSV (Sequence Listing ID
No. 51), 216, KALSVETEKLLKYL (Sequence Listing ID No. 52), 222,
TEKLLKYL (amino acids 7-14 of Sequence Listing ID No. 52), 224,
KLLKYLEA (Sequence Listing ID No. 53), 229, LEAVEVKVKRTKDE
(Sequence Listing ID No. 54), 234, KVVKRTKDE (amino acids 6-13 of
Sequence Listing ID No. 54), 257, HLLTNHLKSKEVWKALLQEMPL

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(Sequence Listing ID No. 55), 263, LKSKEVWK (amino acids 7-14 of Sequence Listing ID No. 55), 264, KSKEVWKA (amino acids 8-15 of Sequence Listing ID No. 55), 265, SKEVWK (amino acids 9-14 of Sequence Listing ID No. 55), 280 ALLRNLGKMTA (Sequence Listing ID No. 56), 283, RNLGKMT (amino acids 4-10 of Sequence Listing ID No. 56), 285, LGKMTANS (Sequence Listing ID No. 57), 308, LCNEKLLKKARIHPFHI (Sequence Listing ID No. 58), 313, LLKKARI (amino acids 6-12 of Sequence Listing ID No. 58), 315, KKARIHPF (amino acids 8-15 of Sequence Listing ID No. 58), 330, TYKTGHGLRGKLKWRPDE (Sequence Listing ID No. 59), 331, YKTGHGL (amino acids 2-8 of Sequence Listing ID No. 59), 352, ALDAAFYK (Sequence Listing ID No. 60), 355, AAFYKTFKTVEPTGKRFLLA (Sequence Listing ID No. 61), 379, ASMNQRVLGS (Sequence Listing ID No. 62), 365, EPTGKRFL (amino acids 11-18 of Sequence Listing ID No. 61), 398, AMCMVVTR (Sequence Listing ID No. 63), 414, AFSDEMVP (Sequence Listing ID No. 64), 420, VPCPVTTD (Sequence Listing ID No. 65), 433, VLMAMMSQI (Sequence Listing ID No. 66), 445, TDCSLPMI (Sequence Listing ID No. 67), 449, LPMIWAQKTNTPA (amino acids 3-15 of Sequence Listing ID No. 68), 472, TFAGGVHPAI (Sequence Listing ID No. 69), 472, TFAGGVHP (amino acids 1-8 of Sequence Listing ID No. 69), 481, IALREYRKMDIPAKL (Sequence Listing ID No. 70), 484, REYRKMD (amino acids 4-11 of Sequence Listing ID No. 70);

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the Sm B/B' epitopes: 28, IGTFKAFD (Sequence Listing ID No. 103), 29, GTFKAFDK (Sequence Listing ID No. 1), 30, TFKAFDKH (amino acids 1-8 of Sequence Listing ID No. 15) 29, 30, TFKAFDKHM (Sequence Listing ID No. 15) 44, DCDEFRKI (Sequence Listing ID No. 104) 45, CDEFRKIK (amino acids 1-8 of Sequence Listing ID No. 2) 45, CDEFRKIKPKNAKQP (Sequence Listing ID No. 2), 46, DEFRKIKP (amino acids 2-9 of Sequence Listing ID No. 2), 47, EFRKIKPK (amino acids 3-10 of Sequence Listing ID No. 2), 48, FRKIKPKN (amino acids 4-11 of Sequence Listing ID No. 2), 49, RKIKPKNA (amino acids 5-12 of Sequence Listing ID No. 2), 50, KIKPKNAK (amino acids 6-13 of Sequence Listing ID No. 2), 51, IKPKNAKQ (amino acids 7-14 of Sequence Listing ID No. 2), 52, KPKNAKQP (amino acids 8-15 of Sequence Listing ID No. 2), 53, PKNAKQPE (Sequence Listing ID No. 105), 83, EGPPPQDT (Sequence Listing ID No. 16), 88, KDTGIARV (Sequence Listing ID No. 17), 94, RVPLAGAA (Sequence Listing ID No. 3), 101, AGGPGVGRAAGRGPAG (Sequence Listing ID No. 4), 104, PGVGRAAG (amino acids 4-11 of Sequence Listing ID No. 4), 120, IPQAPAGLAG (Sequence Listing ID No. 18), 125, AGLAGPVGVGGPSQ (Sequence Listing ID No. 5), 131, VRGVGGPS (amino acids 6-13 of Sequence Listing ID No. 5) 139, QQVMTPQG (Sequence Listing ID No. 107), 140, QVMTPQGR (amino acids 1-6 of Sequence Listing ID No. 6), 141, VMTPQGRG, amino acids 2-9 of (Sequence Listing ID No. 6), 144, PQGR (amino acids 5-8 of Sequence Listing ID No. 6), 142, MTPQGRGT (amino acids 3-

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11 of Sequence Listing ID No. 6), 143, TPQGRGTV, (amino acids 4-
11 of Sequence Listing ID No. 6), 144, PQGRGTVVA (amino acids 5-12
of Sequence Listing ID No. 6) 145, QGRGTVAA (Sequence Listing ID
No. 108) 164, APTQYPPG (Sequence Listing ID No. 109) 165,
PTQYPPGR (amino acids 1-8 of Sequence Listing ID No. 7) 166,
TQYPPGRG (amino acids 2-9 of Sequence Listing ID No. 7) 167,
QYPPGRGT, amino acids 3-10 of (Sequence Listing ID No. 7) 168,
YPPGRGTP (amino acids 4-11 of Sequence Listing ID No. 7) 169,
PPGRGTPP (amino acids 5-12 of Sequence Listing ID No. 7) 170,
PGRGTPPP (amino acids 6-13 of Sequence Listing ID No. 7) 171,
GRGTPPPP (amino acids 7-14 of Sequence Listing ID No. 7) 172,
RGTPPPP (amino acids 8-15 of Sequence Listing ID No. 7) 173,
GTTPPPVG (Sequence Listing ID No. 110) 174, TPPPPVGRATPPPGI
(Sequence Listing ID No. 8), 175, PPPPVGRA (amino acids 2-9 of
Sequence Listing ID No. 8), 184, PPPGIMAP (Sequence Listing ID
No. 9), 188, IMAPPGM (Sequence Listing ID No. 111), 189,
MAPPPGMRPPM (Sequence Listing ID No. 10), 189, MAPPPGMR (amino
acids 1-8 of Sequence Listing ID No. 10), 191, PPPGMR (amino
acids 3-8 of Sequence Listing ID No. 13), 190, APPPGMRP (amino
acids 2-9 of Sequence Listing ID No. 10), 191, PPPGMRPP (amino
acids 3-10 of Sequence Listing ID No. 10), 192, PPGMRPPM (amino
acids 4-11 of Sequence Listing ID No. 10), 202, PIGLPPARGTPIGMPP
(Sequence Listing ID No. 11), 206, PPARGTPI, (amino acids 5-11 of
Sequence Listing ID No. 11), 212, PIGMPPPG (Sequence Listing ID

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No. 12), 213, IGMPPPGM (Sequence Listing ID No. 12), 214,
GMPPPGMR (Sequence Listing ID No. 113), 215, MPPPGMRP (Sequence
Listing ID No. 118), 216, PPPGMRPP (amino acids 4-11 of Sequence
Listing ID No. 14), 217, PPGMRPPP (Sequence Listing ID No. 114),
220, MRPPPGI (Sequence Listing ID No. 115), 221, RPPPPGIR (amino
acids 1-8 of Sequence Listing ID No. 13), 221, RPPPPGIRGPP
(Sequence Listing ID No. 13), 223, PPPGIR (amino acids 3-8 of
Sequence Listing ID No. 13), 222, PPPPGIRG (amino acids 2-9 of
Sequence Listing ID No. 13), 223, PPPGIRGP (amino acids 3-10 of
Sequence Listing ID No. 13), 224, PPGIRGPP (amino acids 4-11 of
Sequence Listing ID No. 13), 228, RGPPPGM (amino acids 1-8 of
Sequence Listing ID No. 14), 228, RGPPPGMRPPR (Sequence Listing
ID No. 14), 229, GPPPPGMR (amino acids 2-9 of Sequence Listing ID
No. 14), 230, PPPPGMRP (amino acids 3-10 of Sequence Listing ID
No. 14), 231, PPPGMRPP (amino acids 4-11 of Sequence Listing ID
No. 14), 231, PPPGMR (amino acids 3-8 of Sequence Listing ID No.
10), and 232, PPGMRPPR (amino acids 5-12 of Sequence Listing ID
No. 14);

the 70 kD nRNP epitopes: (11) ALFAPRDP (Sequence
Listing ID No. 72), (65) ERMERKRR (Sequence Listing ID No. 73),
(133) MVYSKRSG (Sequence Listing ID No. 74), (161) GKKIDGRR
(Sequence Listing ID No. 75), (178) VERGRTVK (Sequence Listing ID
No. 76), (186) VKGWRPRR (Sequence Listing ID No. 77), (264)
RRRSRSDK (Sequence Listing ID No. 78), (274) RRRSRERS (Sequence

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P3
Listing ID No. 79), (277) SRERSKDK (Sequence Listing ID No. 80),
(282) KRRSSRSR (Sequence Listing ID No. 81), and (355) RRSHRSER
(Sequence Listing ID No. 82);

the nRNP A peptide epitopes: (16) LNEKIKKD (Sequence Listing ID No. 83), (21) KKDELKKS (Sequence Listing ID No. 84),
(44*) SRSLKMRG (Sequence Listing ID No. 85), (73) PFYDKPMR (Sequence Listing ID No. 86), (93) IIAKMKGTF (Sequence Listing ID No. 87), (103*) DRKREKRK (Sequence Listing ID No. 88), (116) QETPATKK (Sequence Listing ID No. 89), (263) ALOGFKIT (Sequence Listing ID No. 90), and (274) MKISFAKK (Sequence Listing ID No. 91); and

the nRNP C peptide epitopes: (19) RKHKENVK (Sequence Listing ID No. 92), (35) KDYYQKWM (Sequence Listing ID No. 93),
(56) AFQQGKIP (Sequence Listing ID No. 94), (61) KIPPTPFS (Sequence Listing ID No. 95), (78) PPPPSLPG (Sequence Listing ID No. 96), (82) SLPGPGRP (Sequence Listing ID No. 97), (85) PPRPGMMP (Sequence Listing ID No. 98), (108) PPPPGMMP (Sequence Listing ID No. 99), (117) GPAPGMRP (Sequence Listing ID No. 100),
(136) PPMMRPPA (Sequence Listing ID No. 101), and (152) PGMTTRPDR (Sequence Listing ID No. 102)].

13. (twice amended) The method of claim 12 wherein
the [peptides are] peptide is labelled with a compound selected
from the group consisting of dyes, fluorescent labels,
chemiluminescent labels, enzymes, and radioactive labels.